

FIG. 2

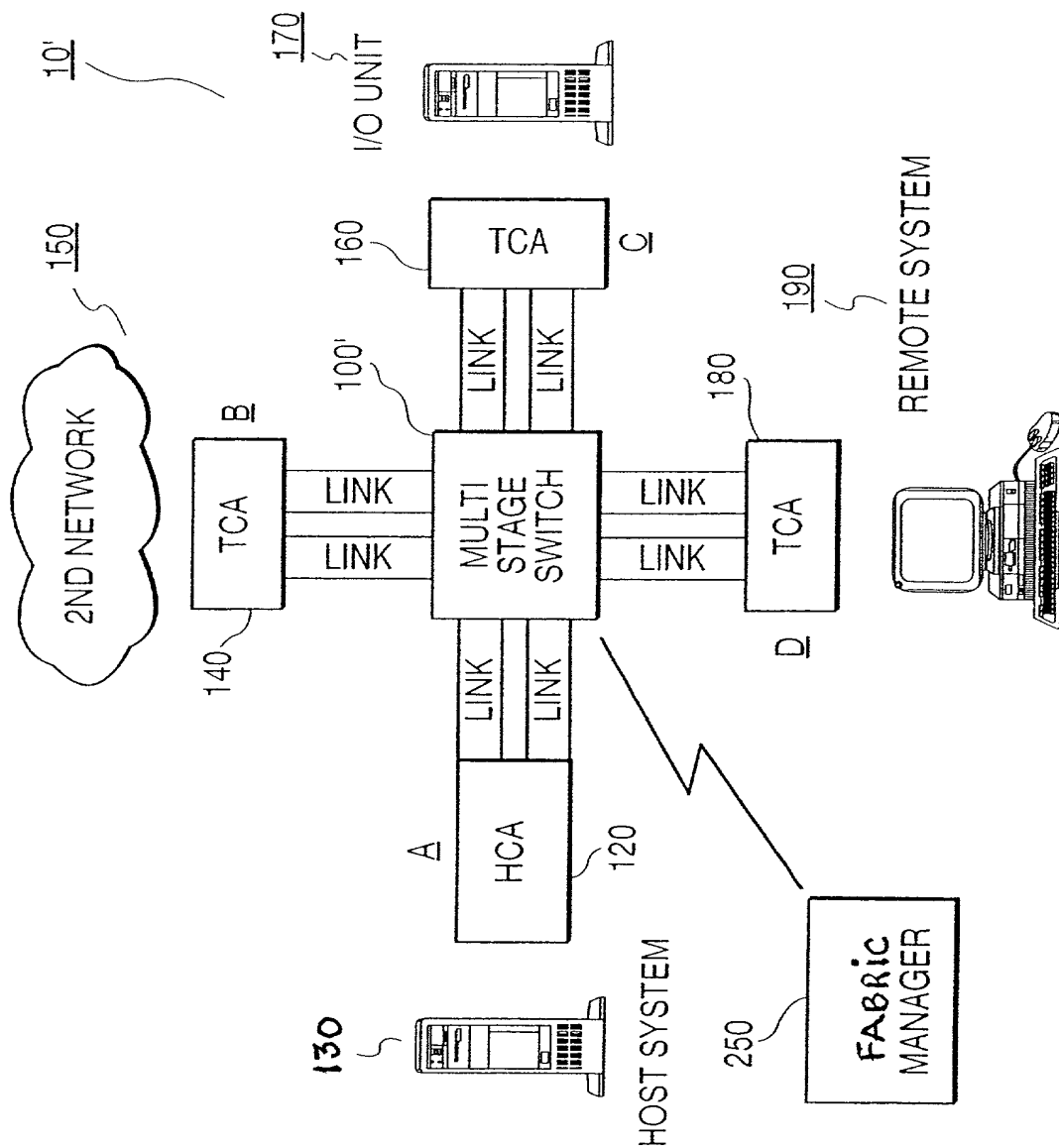
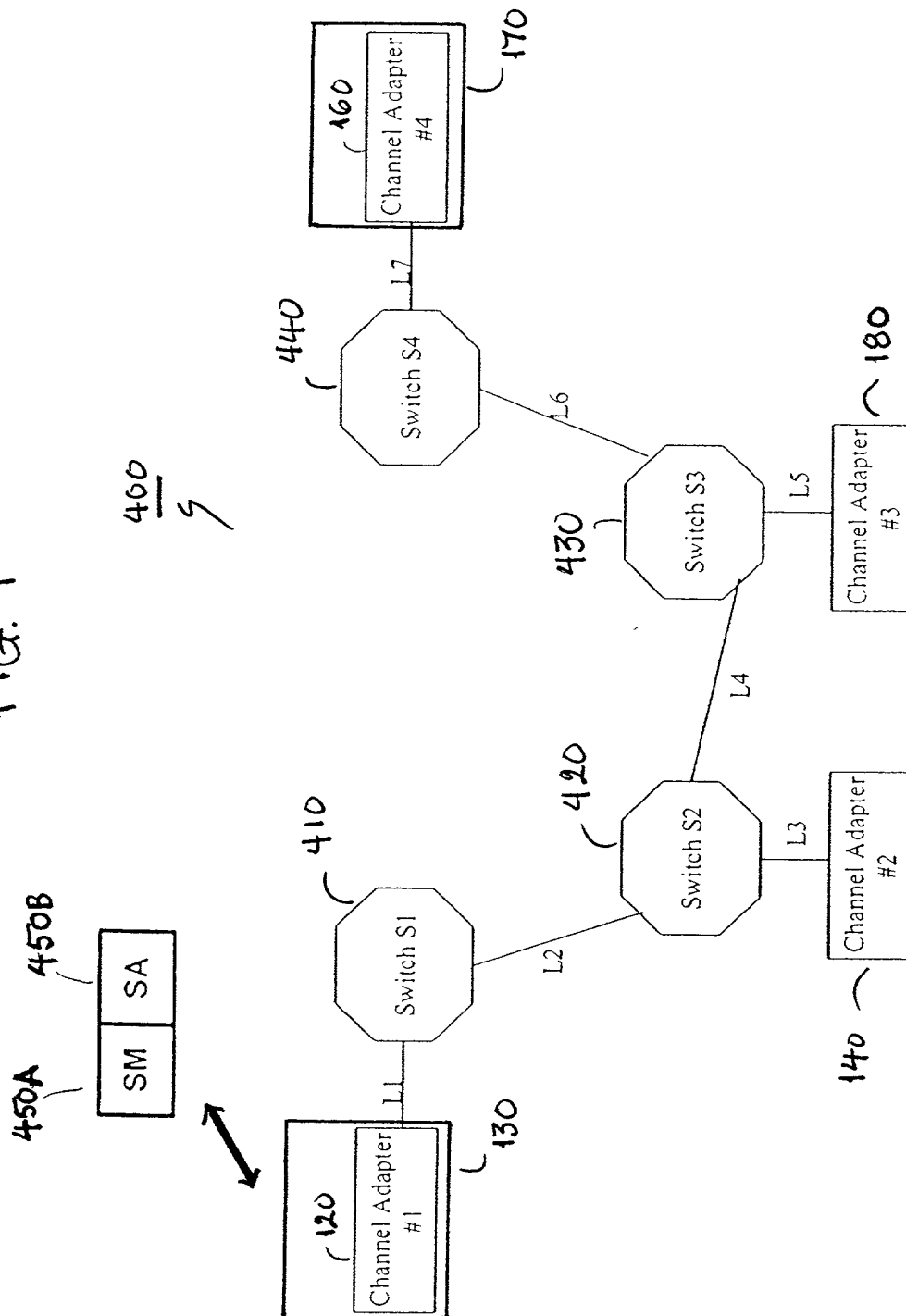


FIG. 4



FILED 08/31/2001

FIG. 5

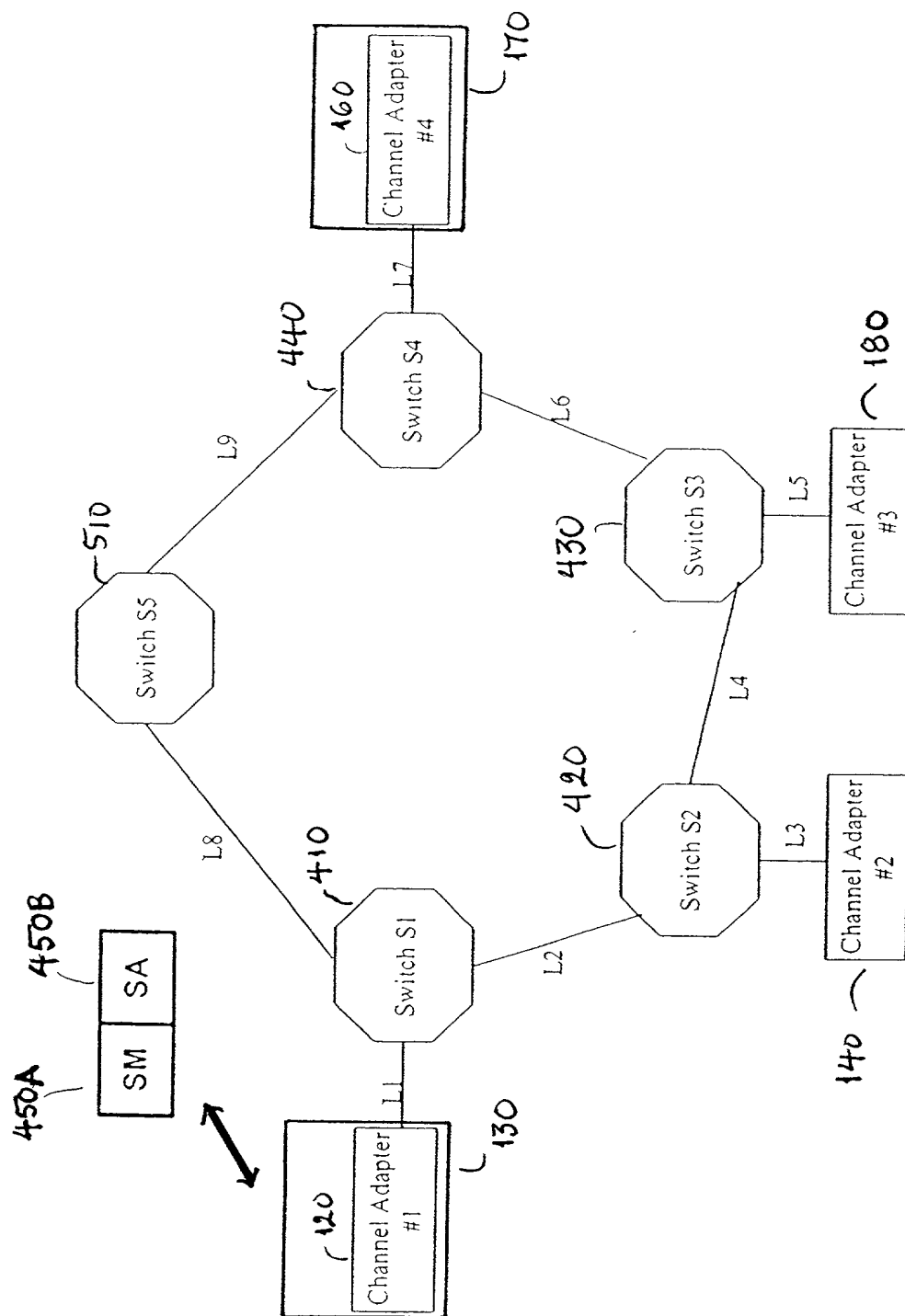


FIG. 6

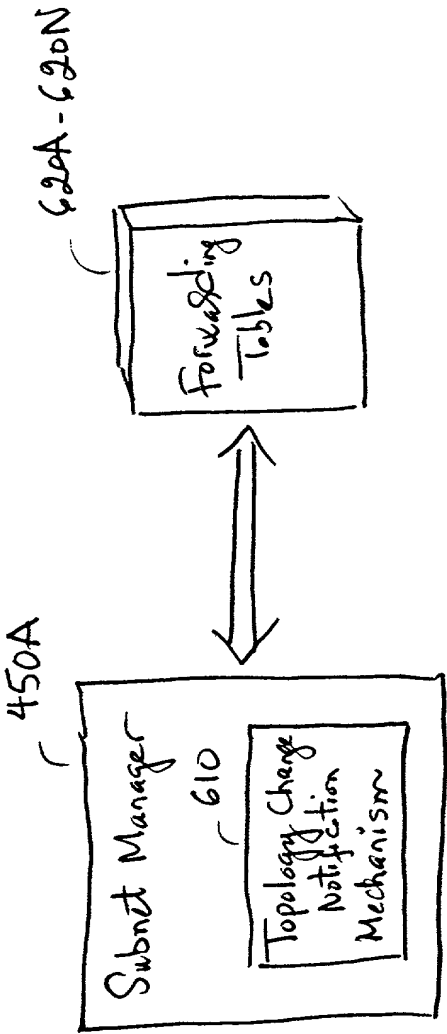


FIG. 7

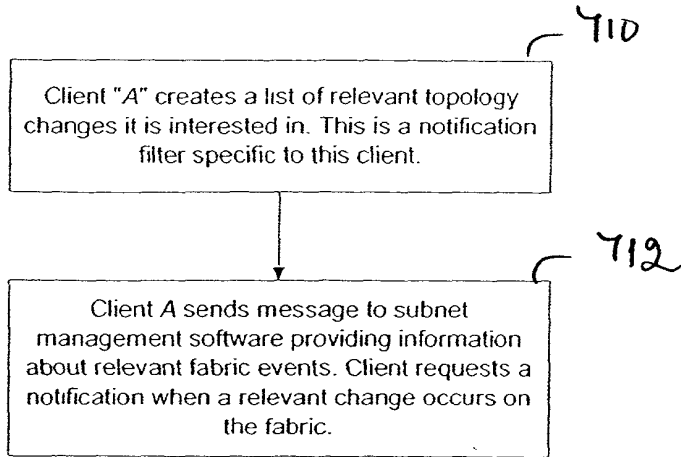
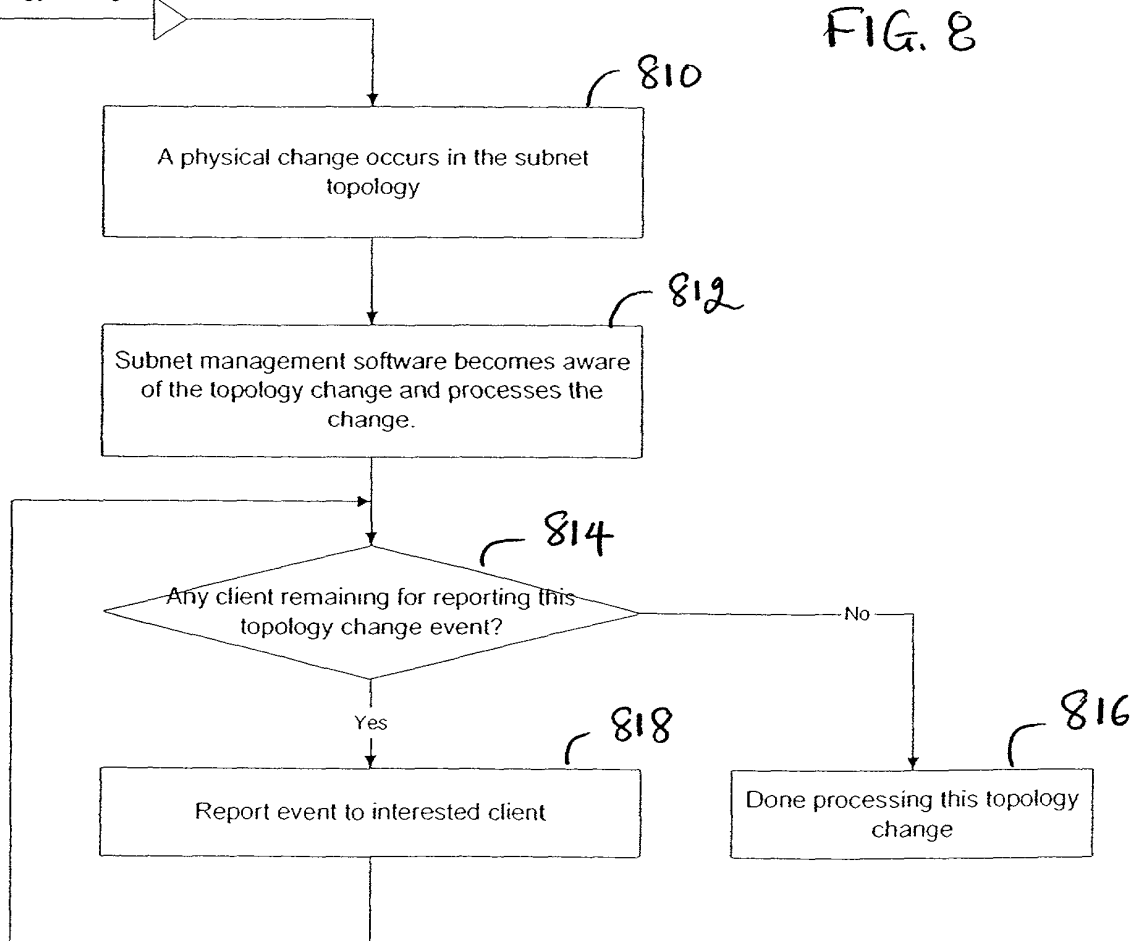


FIG. 8

Fabric topology change occurs



InfiniBand client

InfiniBand subnet
management software

130

450A

Client sends VendorSet(SetNotificationFilter) message to subnet management software, indicating topology changes that it wants to be notified about.

910

Subnet management software sends VendorGetResp(SetNotificationFilter) message back to confirm receipt of list of topology changes that this client is interested in.

912

FIG. 9A

A physical topology change occurs for which this client has requested notification.

Subnet management software sends a VendorSend(TopologyChangeNotification) message to the client describing the topology change that occurred.

920

Client sends VendorSendResp(TopologyChangeNotification) message to subnet management software, acknowledging topology change notification.

922

FIG. 9B

Messages exchange to request and generate topology change notifications